

Year	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

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Figure 1

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Year	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

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Figure 2

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CSG3

ATTGGTGCTACCTGGCTCTCCTGTCTCTGCAGCTCTACAGGTGAGGCCCAGCAGAGGGAG  
TAGGGCTCGCCATGTTTCTGGTGAGCCAATTTGGCTGATCTTGGGTGTCTGAACAGCTAT  
TGGGTCCACCCCAGTCCCTTTCAGCTGCTGCTTAATGCCCTGCTCTCTCCCTGGCCCCACC  
TTATAGAGAGCCCCAAAGAGCTCCTGTAAGAGGGAGAACTCTATCTGTGGTTTATAATCTT  
GCACGAGGCACCAGAAGTCTCCCTGGGTCTTGTGAATGAACTACATTTATCCCCCTTTCCT  
GCCCCAACCCACAACTCTTTCCTTCAAAGAGGGCCTGCCTGGTTCCCTCCACCCAACTGC  
ACCATGAGATCGGTCCAAGAGTCCATTCCCCAGGTGGGAGCCAACCTGTCAGGGAGGTCTT  
TCCCACCAAACATCTTTCAGTTGCTGGGAGGTGACCATAGGGCTCTGCTTTTAAAGATAT  
GGCTGCTTCAAAGGCCAGAGTCACAGGAAGGACTTCTTCCAGGGAGATTAGTGGTGATGG  
AGAGGAGAGTTAAATGACCTCATGTCTTCTTGTCCACGGTTTTGTTGAGTTTTCACTC  
TTCTAATGCAAGGGTCTCACACTGTGAACCACTTAGGATGTGATCACTTTCAGGTGGCCA  
GGAATGTTGAATGTCTTTGGCTCAGTTCATCTAAAAAGATATCTATTTGAAAGTTCTCA  
GAGTTGTACATATGTTTCACAGTACAGGATCTGTACATAAAAGTTTCTTTCCTAAACCAT  
TCACCAAGAGCCAATATCTAGGCATTTCTCCTCGGTAGCACAAATTTTCTNATTGCTTAGAA  
AATTGTCCTCCCTGTTCTTCTGTCTGNAGACTTAAGTGAGTTAGGTCTTTAAGGAAAGC  
AACGCTCCTCTGAAATGCTTGTCTTTTTTCTGTTGCCGAAATAGCTGGTCTTTTTTCGGG  
AGTTAGATGTATAGAGTGTTTGTATGTAAACATTTCTTGTAGGCATCACCATGAACANAG  
ATATATTTTCTATTTANTTANTATATGTGCACTTCAAGAAGTCACTGTCAGAGAAATAAA  
GAATTGTCCTTAAATGTCATGATTGGAGATGTCCTTTGCATTGCTTGAAGGGGTGTACCT  
AGAGCCAAGGAAATTGGCTCTGGTTTGGAAAAATTTTGCTGTTATTATAGTAAACATACA  
AAGGATGTC

000000 111111 222222 333333 444444 555555 666666 777777 888888 999999

Figure 3

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CSG4

ATGAGTCCTGTGAAAAACAATGTGGGCAGAGGCCTAAACATCGCCCTGGTGAATGGAACC  
M S P V K N N - V G R G L N I A L V N G T

ACGGGAGCTGTGCTGGGACAGAAGGCATTTGACATGTACTCTGGAGATGTTATGCACCTA  
T G A V L G Q K A F D M Y S G D V M H L

GTGAAATTCCTTAAAGAAATTCCGGGGGGTGCACCTGGTGTGGTGGCCTCCTACGACGAT  
V K F L K E I P G G A L V L V A S Y D D

CCAGGGACCAAAATGAACGATGAAAGCAGGAAACTCTTCTCTGACTTGGGGAGTTCCTAC  
P G T K M N D E S R K L F S D L G S S Y

GCAAAACAACTGGGCTTCCGGGACAGCTGGGTCTTCATAGGAGCCAAAGACCTCAGGGGT  
A K Q L G F R D S W V F I G A K D L R G

AAAAGCCCCCTTTGAGCAGTTCTTAAAGAACAGCCCAGACACAAACAAATACGAGGGATGG  
K S P F E Q F L K N S P D T N K Y E G W

CCAGAGCTGCTGGAGATGGAGGGCTGCATGCCCCGAAGCCATTTTAGGGTGGCTGTGGC  
P E L L E M E G C M P P K P F

TCTTCCTCAGCCAGGGGCCTGAAGAAGYTCCTGCCTGCATTAGGAGTCANAGCCCCGGCAG  
GCTGNAGGAGGAGGAGCAGGGGGTGTCTGCGTGGAAGGTGCTGCAGGCCTTGCACGCTGTG  
TCGCGCCT

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Figure 4

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CSG6

TGTCTACTCAAGGTATTTTCACAACTTATGACACGAATGGTAGATACAGTGTAAGTGC  
V Y S R Y F T T Y D T N G R Y S V K V R  
GGCTCTGGGAGGAGTTAACGCAGCCAGACGGAGAGTGATACCCACAGAGTGGAGCACT  
A L G G V N A A R R R V I P Q Q S G A L  
GTACATACCTGGCTGGATTGAGAATGATGAAATACAATGGAATCCACCAAGACCTGAAAT  
Y I P G W I E N D E I Q W N P P R P E I  
TAATAAGGATGATGTTCAACACAAGCAAGTGTGTTTCAGCAGAACATCCTCGGGAGGCTC  
N K D D V Q H K Q V C F S R T S S G G S  
ATTTGTGGCTTCTGATGTCCCAAATGCTCCCATACCTGATCTCTTCCACCTGGCCAAAT  
F V A S D V P N A P I P D L F P P G Q I  
CACCGACCTGAAGGCGGAAATTCACGGGGCAGTCTCATTAACTGACTTGGACAGCTCC  
T D L K A E I H G G S L I N L T W T A P  
TGGGGATGATTATGACCATGGAACAGCTCACAAAGTATATCATTGAATAAGTACAAGTAT  
G D D Y D H G T A H K Y I I R I S T S I  
TCTTGATCTCAGAGACAAGTTCAATGAATCTCTTCAAGTGAATACTACTGCTCTCATCCC  
L D L R D K F N E S L Q V N T T A L I P  
AAAGGAAGCCAACTCTGAGGAAGTCTTTTTGTTTAAACCAGAAAACATTACTTTTGAAAA  
K E A N S E E V F L F K P E N I T F E N  
TGGCACAGATCTTTTCATTGCTATTTCAGGCTGTTGATAAGGTCGATCTGAAATCAGAAAT  
G T D L F I A I Q A V D K V D L K S E I  
ATCCAACATTGCACGAGTATCTTTGTTTATTCTCCACAGACTCCGCCAGAGACACCTAG  
S N I A R V S L F I P P Q T P P E T P S  
TCCTGATGAAACGTCTGCTCCTTGTGCCTAATATTCATATCAACAGCACCATTCTGGCA  
P D E T S A P C  
TTCACATTTTAAAAATTATGTGGAAGTGGGTAGGAGAACTGCAGTTGTCAATAGNCTAGG  
GGTGAATTTTGTGCGGTGAATAAATAATSATTTCANCCTTTTTTTGRTTTATAAAAAAA  
CGGNTNCCCATTGGGNNTNTNGNGGGGGGNNTTTTAA

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Year	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1955	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100

Figure 6 325800-435

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Figure 1 consists of 12 micrographs arranged in two rows of six. The top row shows the early stages of larval development at 0, 12, 24, 36, and 48 hours. The bottom row shows the later stages at 0, 12, 24, 36, and 48 hours. The larvae are shown in various positions, some with their heads up and some with their heads down. The background is dark, and the larvae are light-colored.

Figure 7

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Year	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

Figure 8

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Station	1959-60	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36	2036-37	2037-38	2038-39	2039-40	2040-41	2041-42	2042-43	2043-44	2044-45	2045-46	2046-47	2047-48	2048-49	2049-50	2050-51	2051-52	2052-53	2053-54	2054-55	2055-56	2056-57	2057-58	2058-59	2059-60	2060-61	2061-62	2062-63	2063-64	2064-65	2065-66	2066-67	2067-68	2068-69	2069-70	2070-71	2071-72	2072-73	2073-74	2074-75	2075-76	2076-77	2077-78	2078-79	2079-80	2080-81	2081-82	2082-83	2083-84	2084-85	2085-86	2086-87	2087-88	2088-89	2089-90	2090-91	2091-92	2092-93	2093-94	2094-95	2095-96	2096-97	2097-98	2098-99	2099-00	2100-01	2101-02	2102-03	2103-04	2104-05	2105-06	2106-07	2107-08	2108-09	2109-10	2110-11	2111-12	2112-13	2113-14	2114-15	2115-16	2116-17	2117-18	2118-19	2119-20	2120-21	2121-22	2122-23	2123-24	2124-25	2125-26	2126-27	2127-28	2128-29	2129-30	2130-31	2131-32	2132-33	2133-34	2134-35	2135-36	2136-37	2137-38	2138-39	2139-40	2140-41	2141-42	2142-43	2143-44	2144-45	2145-46	2146-47	2147-48	2148-49	2149-50	2150-51	2151-52	2152-53	2153-54	2154-55	2155-56	2156-57	2157-58	2158-59	2159-60	2160-61	2161-62	2162-63	2163-64	2164-65	2165-66	2166-67	2167-68	2168-69	2169-70	2170-71	2171-72	2172-73	2173-74	2174-75	2175-76	2176-77	2177-78	2178-79	2179-80	2180-81	2181-82	2182-83	2183-84	2184-85	2185-86	2186-87	2187-88	2188-89	2189-90	2190-91	2191-92	2192-93	2193-94	2194-95	2195-96	2196-97	2197-98	2198-99	2199-00	2200-01	2201-02	2202-03	2203-04	2204-05	2205-06	2206-07	2207-08	2208-09	2209-10	2210-11	2211-12	2212-13	2213-14	2214-15	2215-16	2216-17	2217-18	2218-19	2219-20	2220-21	2221-22	2222-23	2223-24	2224-25	2225-26	2226-27	2227-28	2228-29	2229-30	2230-31	2231-32	2232-33	2233-34	2234-35	2235-36	2236-37	2237-38	2238-39	2239-40	2240-41	2241-42	2242-43	2243-44	2244-45	2245-46	2246-47	2247-48	2248-49	2249-50	2250-51	2251-52	2252-53	2253-54	2254-55	2255-56	2256-57	2257-58	2258-59	2259-60	2260-61	2261-62	2262-63	2263-64	2264-65	2265-66	2266-67	2267-68	2268-69	2269-70	2270-71	2271-72	2272-7
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Figure 9

CSG11

GTTGATATTAAAACCAAGTGAAACCAAACATGACACCTCTCTGAAACCTATTAGTGTCTCC  
V D I K T S E T K H D T S L K P I S V S  
TACAACCCAGCCACAGCCAAAGAAATTATCAATGTGGGGCATTCCCTCCATGTAAATTTT  
Y N P A T A K E I I N V G H S F H V N F  
GAGGACAACGATAAACCAGTCAGTGCTGAAAGGTGGTCCTTTCTCTGACAGCTACAGGCTC  
E D N D N R S V L K G G P F S D S Y R L  
TTTCAGTTCCATTTTCACTGGGGCAGTACAAATGAGCATGGTTCAGAACATACAGTGGAT  
F Q F H F H W G S T N E H G S E H T V D  
GGAGTCAAATATTCTGCCGAGCTTCACGTGGCTCACTGGAATTCTGCAAAGTACTCCAGC  
G V K Y S A E L H V A H W N S A K Y S S  
CTTGCTGAAGCTGCCTCAAAGGCTGATGGTTTGGCAGTTATTGGTGTTTTGATGAAGGTT  
L A E A A S K A D G L A V I G V L M K V  
GGTGAGGCCAACCCAAAGCTGCAGAAAGTACTTGATGCCCTCCAAGCAATTAACCAAG  
G E A N P K L Q K V L D A L Q A I K T K  
GGCAAACGAGCCCCATTACAAATTTTGACCCCTCTACTCTCCTTCCTTCATCCCTGGAT  
G K R A P F T N F D P S T L L P S S L D  
TTCTGGACCTACCCTGGCTCTCTGACTCATCCTCCTCTTTATGAGAGTGTAAGTTGGATC  
F W T Y P G S L T H P P L Y E S V T W I  
ATCTGTAAGGAGAGCATCAGTGTCAGTTTCAGAGCAGTTGGCACAATTCCGGAGCCTTCTA  
I C K E S I S V S S E Q L A Q F R S L L  
TCAAT  
S

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Figure 10

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CSG12

CGGCTCCGGGCGGGCGTGGCCAGTGAAGGCGAGGCGCCGCGGGACCATGGCGGCG  
 G S G R A W P V T R R R G A A G P W R R  
 GCGGCGGACGAGCGGAGTCCAGAGGCGAGAAGACGAGGAAGAGGAGGAGCAGTTGGTTCT  
 R R T S G V Q R R E D E E E E E Q L V L  
 GGTGGAATTATCAGGAATTATTGATTGAGTCTCCTCTCAAAATGTGAAAATAAATGCAA  
 V E L S G I I D S D F L S K C E N K C K  
 GGTTTTGGGCATTGACACTGAGAGGCCCATTTGGCAATGGACAGCTGTGTCTTTGCTGG  
 V L G I D T E R P I L A M D S C V F A G  
 GGAGTATGAAGACACTCTAGGGACCTGTGTTATATTTGAAGAAAATGTTGAACATGCTGA  
 E Y E D T L G T C V I F E E N V E H A D  
 TACAGAAGGCAATAATAAAACAGTGCTAAAATATAAATGCCATACAATGAAGAAGCTCAG  
 T E G N N K T V L K Y K C H T M K K L S  
 CATGACAAGAACTCTCCTGACAGAGAAGAAGGAAGGAGAAGAAAACATAGGTGGGGTGGA  
 M T R T L L T E K K E G E E N I G G V E  
 ATGGCTGCAAATAAGGATATGGTTTCTCCCTTTGACCCAACAGGTTTGTTAACTTTTCTA  
 W L Q I R I W F L P L T Q Q V C  
 CCATGAAATTGAGGACGAGGAAGTGGTAGCTTTCAGCCCCGTAAATCTTTGGATTGTTGGG  
 AGGGGGTGGGGTTTCAATG

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Figure 11

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[illegible]

Figure 12

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[illegible]

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